Title: OUTPUTTING DYNAMIC LOCAL CONTENT ON MOBILE DEVICES
Inventor: Anthony John Goodacre, Barry Merrick, David Hitchman
Docket No.: 13768.221

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SPEAKER
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INPUT
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INTERFACE
103

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101

BUS
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PROCESSOR
111

MEMORY 112

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APPLICATION
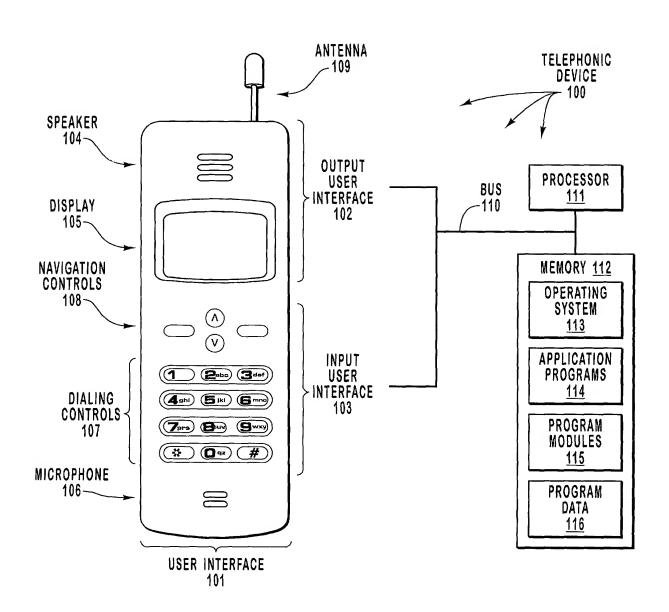PROGRAMS
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FIG. 1A

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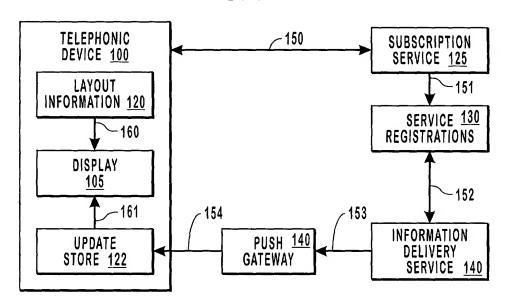Docket No.: 13768.221

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┌─────────────────────────┐                                    ┌──────────────────┐
│   TELEPHONIC            │◄──────────── 150 ─────────────────►│   SUBSCRIPTION   │
│   DEVICE  100          │                                    │   SERVICE  125   │
│  ┌───────────────────┐ │                                    └──────────────────┘
│  │     LAYOUT        │ │                                             │
│  │ INFORMATION  120  │ │                                           151
│  └───────────────────┘ │                                             ▼
│           │ 160        │                                    ┌──────────────────┐
│           ▼            │                                    │  SERVICE  130    │
│  ┌───────────────────┐ │                                    │  REGISTRATIONS   │
│  │    DISPLAY        │ │                                    └──────────────────┘
│  │    105            │ │                                             ▲
│  └───────────────────┘ │                                           152
│           ▲ 161        │                                             ▼
│  ┌───────────────────┐ │   154   ┌──────────────┐  153  ┌──────────────────┐
│  │    UPDATE         │◄─┼─────────│  PUSH  140   │◄──────│   INFORMATION    │
│  │  STORE  122       │ │         │  GATEWAY     │       │   DELIVERY       │
│  └───────────────────┘ │         └──────────────┘       │   SERVICE  140   │
└─────────────────────────┘                               └──────────────────┘
```

FIG. 1B

TELEPHONE DEVICE 100

DISPLAY 105

• Headline Number One   more
• Headline Number Two   more
• Headline Number Three   more

FIG. 1C

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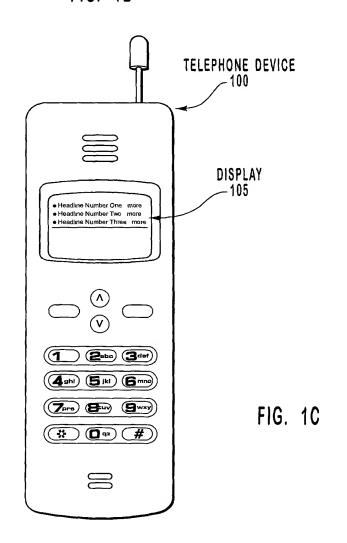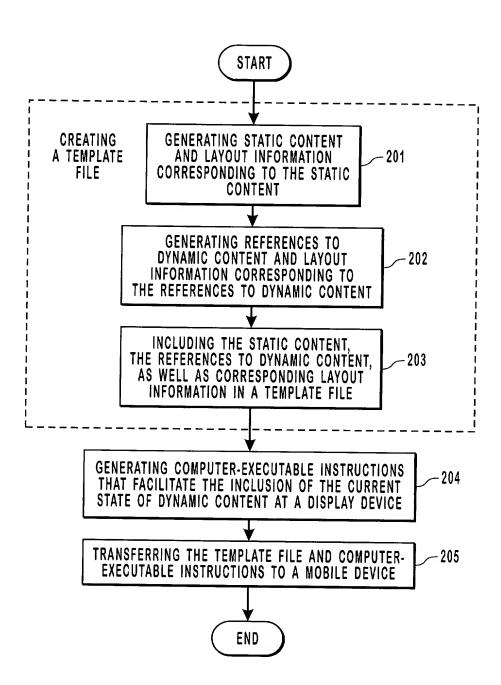Docket No.: 13768.221

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START

CREATING
A TEMPLATE
FILE

GENERATING STATIC CONTENT
AND LAYOUT INFORMATION
CORRESPONDING TO THE STATIC
CONTENT — 201

GENERATING REFERENCES TO
DYNAMIC CONTENT AND LAYOUT
INFORMATION CORRESPONDING TO
THE REFERENCES TO DYNAMIC CONTENT — 202

INCLUDING THE STATIC CONTENT,
THE REFERENCES TO DYNAMIC CONTENT,
AS WELL AS CORRESPONDING LAYOUT
INFORMATION IN A TEMPLATE FILE — 203

GENERATING COMPUTER-EXECUTABLE INSTRUCTIONS
THAT FACILITATE THE INCLUSION OF THE CURRENT
STATE OF DYNAMIC CONTENT AT A DISPLAY DEVICE — 204

TRANSFERRING THE TEMPLATE FILE AND COMPUTER-
EXECUTABLE INSTRUCTIONS TO A MOBILE DEVICE — 205

END

FIG. 2

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Inventor: Anthony John Goodacre, Barry Merrick, David Hitchman
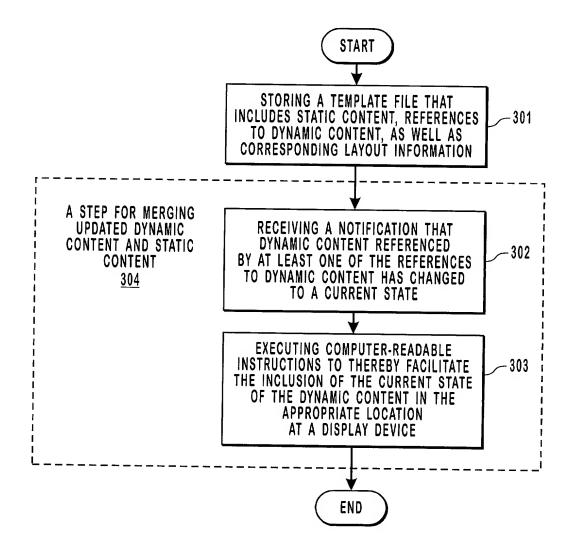Docket No.: 13768.221

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START

STORING A TEMPLATE FILE THAT
INCLUDES STATIC CONTENT, REFERENCES
TO DYNAMIC CONTENT, AS WELL AS
CORRESPONDING LAYOUT INFORMATION ⎯ 301

A STEP FOR MERGING
UPDATED DYNAMIC
CONTENT AND STATIC
CONTENT
304

RECEIVING A NOTIFICATION THAT
DYNAMIC CONTENT REFERENCED
BY AT LEAST ONE OF THE REFERENCES
TO DYNAMIC CONTENT HAS CHANGED
TO A CURRENT STATE ⎯ 302

EXECUTING COMPUTER-READABLE
INSTRUCTIONS TO THEREBY FACILITATE
THE INCLUSION OF THE CURRENT STATE
OF THE DYNAMIC CONTENT IN THE
APPROPRIATE LOCATION
AT A DISPLAY DEVICE ⎯ 303

END

FIG. 3